Claims   August 9, 2004

1.(amemded) A method for delivering items to a mobile customer comprising:

receiving order data from a customer's collocated wireless terminal, which order data includes identification of the type and quantity of <u>items of</u> goods and/or services ordered, ~~the~~ <u>a</u> present position of the customer's wireless terminal, and one or more positions on the customer's anticipated route of travel;

identifying one or more possible supply locations from which the ordered items can be supplied;

identifying one or more possible deliverers for the ordered items from said possible locations;

determining rendezvous criteria for the customer and each identified deliverer from each identified delivery location;

calculating candidate rendezvous positions which satisfy the determined criteria; and

sending information proposing delivery rendezvous positions to the customer's wireless terminal.

2. (original) The method of claim 1 wherein the order data includes desired delivery time information.

3. (original) The method of claim 1 further comprising the step of calculating one or more proposed routes for the customer to each proposed rendezvous position.

4. (original) The method of claim 3 wherein the order data includes customer travel method and travel constraint information and wherein the step of

calculating the proposed routes incorporates the travel method and constraint information.

5. (original) The method of claim 1 further comprising the steps of:

receiving from the customer's wireless terminal authorization to deliver the items at a selected one of the proposed rendezvous positions;

dispatching a selected deliverer to deliver the items from a selected supply position to the selected one rendezvous position; and

calculating a route for the deliverer to follow from the selected delivery position to the selected rendezvous position.

6. (original) The method of claim 5 further comprising the steps of receiving from the customer' wireless data terminal and from a deliverer's wireless data terminal which is collocated with the deliverer, data with indicates their respective actual positions enroute to an intended rendezvous position;

recalculating an updated delivery rendezvous position based upon the actual positions of the customer and the deliverer;

informing the customer and deliverer of the updated delivery position.

7. (original) The method of claim 6 further comprising the step of transmitting to customer's wireless data terminal and to the deliverer's wireless data terminal route information to the updated delivery position.

8. (original) A server computer programmed to implement the method of claim 6.

9. (cancelled) A customer's wireless data terminal programmed to implement the methods of claim 6.

10. (original) The method of claim 5 further comprising the step of transmitting a customer identity-confirming message to the customer's wireless data terminal.

11. (original) A server computer programmed to implement the method of claim 1.

12.(cancelled) ~~A customer's wireless data terminal programmed to implement the methods of claim 1.~~

13. (original) Electrical signals transmitted on a cellular wireless communication system that are modulated with information to implement the sending and receiving steps of claim 1.